

PROJECT DESCRIPTION

EQUIPMENT LIST (CONT.)

1. GENERAL

This project involves the installation of two new School Hazard Identification Beacons for the Showell Elementary and Most Blessed Sacrament Schools on MD 589. The Hazard Identification Beacons shall be installed on MD 589 in order to increase driver awareness of the school zone they are entering. MD 589 is assumed to run in an east-west direction.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
9000	Relay package	1 EA
9037	Cabinet "6" type - pole mount	1 EA
9042	Controller ASC II with telemetry, intersection monitor and battery back up.	1 EA
9570	Sheet aluminum signs to consist of: (ground mount)	17.5 SF
	R2-1 "SPEED LIMIT 50" (24" X 30") ground mounted.	2 EA
	S5-2 "END SCHOOL ZONE" (30"X36") ground mounted.	1 EA
9571	Sheet aluminum signs to consist of: (mast arm or pole mount)	28 SF
	S1-1 "SCHOOL (Symbolic)" sign, (36" x 36") pole mounted.	2 EA
	S4-3 "SCHOOL" sign, (12" x 36") pole mounted.	2 EA
	S4-4 (1) "Fines Double" (12"X24") pole mounted.	2 EA

The contact persons for District #1 are as follows:

Mr. Gene Cofelli  
Assistant District Engineer - Traffic  
Phone: (410) 677-4040

Mr. Jimmy Wright  
Assistant District Engineer - Maintenance  
Phone: (410) 543-6715

Mr. Bruce Poole  
Assistant District Engineer - Utility  
Phone: (410) 677-4082

Mr. Richard L. Daff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630

Darlene Eide  
Signal Warehouse  
Phone: (410) 787-7668

Eugene Bailey  
Signal Shop  
Phone: (410) 787-7670

The power company representative is:

Rodney Bain  
Connectiv  
2530 N. Salisbury Blvd  
Salisbury, MD 21802  
Phone: 410 860-6242

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

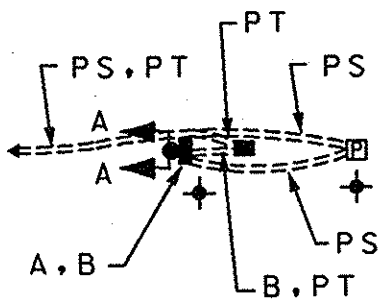
ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
2002	Test Pit Excavation	1 C.Y.
8011	Furnish and install 12" vehicular traffic signal head section	4 EA
8030	Furnish and install breakaway pedestal pole (14').	2 EA
8048	Remove and dispose of existing material and equipment per assignment.	1 EA
8057	Furnish and install concrete for signal foundation.	1 C.Y.
8059	Furnish and install wood sign supports 4" x 6".	20 L.F.
8060	Furnish and install No. 6 AWG stranded bare copper ground wire.	450 L.F.
8064	Furnish and install 3" schedule 80 rigid polyvinyl chloride conduit - bored.	40 L.F.
8069	Metered service pedestal.	1 EA
8072	Furnish and install electrical handhole.	2 EA
8074	Install ground mounted sign.	17.5 S.F.
8075	Install overhead sign.	28 S.F.
8080	Furnish and install ground rod - 3/4" x 10'.	2 EA
8083	Furnish and install electrical cable - 3 conductor (No. 14 AWG).	480 L.F.
8091	Furnish and install 2" schedule 80 rigid polyvinyl chloride - trenched	25 L.F.
8092	Install controller and cabinet pole mount.	1 EA

C. EQUIPMENT TO BE REMOVED

There is no equipment to be removed as part of this project.

WIRING DIAGRAM

MD 589: EAST OF SHOWELL ELEMENTARY  
(WESTBOUND HIB)

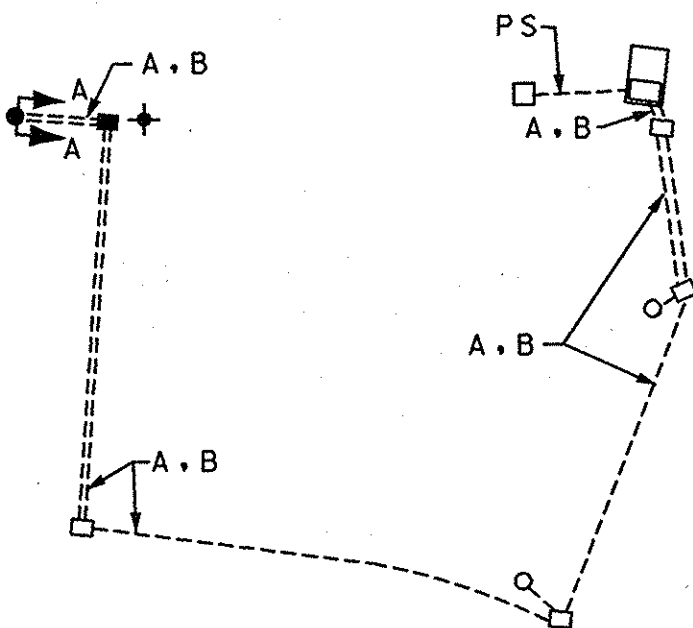


WIRING KEY

A - 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)  
B - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)  
PS - PROPOSED UNDERGROUND ELECTRICAL SERVICE TO BE INSTALLED BY CONNECTIV  
PT - PROPOSED UNDERGROUND TELEPHONE SERVICE TO BE INSTALLED BY VERIZON  
+ - GROUND ROD

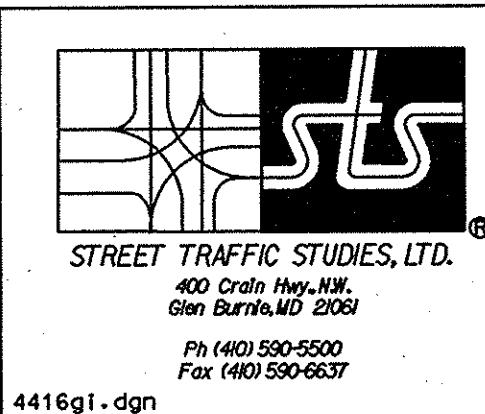
WIRING DIAGRAM

MD 589 AT BEAUCHAMP RD  
(WESTBOUND HIB)



WIRING KEY

A - 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)  
B - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)  
PS - EXISTING UNDERGROUND SERVICE TO BE MAINTAINED BY CONNECTIV  
+ - GROUND ROD



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SCHOOL FLASHERS

MD 589: FROM WEST OF SHOWELL SCHOOL ROAD TO BEAUCHAMP ROAD

DRAWN BY: ROB CICCHINI	F.A.P. NO. 4259	TS NO. 4259	SHEET NO. 2 OF 2
CHECKED BY: R R ZACHERL	S.H.A. NO. XX1065185	T.I.M.S. NO. F649	
SCALE: NONE	COUNTY: WORCESTER	LOG MILE: 23058903.70	
DATE: 6-23-03			